

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Warren M. Farnworth

**Serial No.:** Not yet assigned

**Filed:** July 7, 2003

**For:** CONTINUOUS MODE SOLDER JET  
APPARATUS

**Examiner:** Unknown

**Group Art Unit:** Unknown

**Attorney Docket No.:** 3393.8US  
(97-0324.08/US)

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Person making Deposit: Matthew Wooton

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The present application is a continuation of application Serial No. 10/159,000, filed May 30, 2002, pending, which is a continuation of application Serial No. 09/924,525, filed August 8, 2001, now U.S. Patent 6,443,350, issued September 3, 2002, which is a continuation of application Serial No. 09/569,215, filed May 11, 2000, now U.S. Patent 6,325,271, issued December 4, 2001, which is a continuation of application Serial No. 09/388,032, filed September 1, 1999, now U.S. Patent 6,082,605, issued July 4, 2000, which is a continuation of application Serial No. 08/989,578, filed December 12, 1997, now U.S. Patent 5,988,480, issued November 23, 1999.

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior application, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 form listing all of the information of record in the prior application is enclosed herewith.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James R. Duzan", written in a cursive style.

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Date: July 7, 2003

JRD/sls:djp

Enclosure: Form PTO-1449

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>3393.8US (97-0324.08/US)</b>		Application Number <b>N t yet assigned</b>	
				Applicant <b>Warren M. Farnworth</b>			
				Filing Date <b>July 7, 2003</b>		Group Art Unit <b>Unknown</b>	

  

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,817,851	04/1989	Kolesar et al.			
	4,981,249	01/1991	Kawashima et al.			
	5,226,948	07/1993	Orme et al.			
	5,259,593	11/1993	Orme et al.			
	5,266,098	11/1993	Chun et al.			
	5,364,011	11/1994	Baker et al.			
	5,377,961	01/1995	Smith et al.			
	5,379,931	01/1995	Van Schaik			
	5,411,602	05/1995	Hayes			
	5,455,606	10/1995	Keeling et al.			
	5,481,288	01/1996	Keeling et al.			

  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1682039	10/1991	Soviet Union				

  

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
		US 2002/0031612 A1 Farnworth (03/14/2002)	

  

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,520,715	05/1996	Oeftering			
	5,545,465	08/1996	Gaynes et al.			
	5,560,543	10/1996	Smith et al.			
	5,597,110	01/1997	Melton et al.			
	5,643,353	07/1997	Wallace et al.			
	5,736,074	04/1998	Hayes et al.			
	5,746,844	05/1998	Sterett et al.			
	5,747,102	05/1998	Smith et al.			
	5,772,106	06/1998	Ayers et al.			
	5,779,971	07/1998	Tsung Pan et al.			
	5,810,988	09/1998	Smith, Jr. et al.			

  

FOREIGN PATENT DOCUMENTS							
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						YES	NO

  

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	Filing Date <b>July 7, 2003</b>	Group Art Unit <b>Unknown</b>

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,855,323	01/1999	Yost et al.			
	5,868,305	02/1999	Watts, Jr. et al.			
	5,891,212	04/1999	Tang et al.			
	5,894,980	04/1999	Orme-Marmarelis et al.			
	5,894,985	04/1999	Orme-Marmarelis et al.			
	5,938,102	08/1999	Muntz et al.			
	5,988,480	11/1999	Farnworth			
	6,036,777	03/2000	Sachs			
	6,070,973	06/2000	Sachs et al.			
	6,082,605	07/2000	Farnworth			
	6,213,356	04/2001	Nakasu et al.			
	6,276,589	08/2001	Watts, Jr. et al.			
	6,325,271	12/2001	Farnworth			
	6,350,494	02/2002	Farnworth			
	6,443,350	09/2002	Farnworth			

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